



IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A brush of a cleaner comprising:
a rotation shaft rotatably supported at a lower surface of a body;
a brush hub fixed to the rotation shaft; and
brush hair mounted at an outer circumference surface of the brush hub ~~for sweeping~~
to sweep dust and contamination of a floor,
wherein the brush hair comprises:
a first row divided into a first hair portion which is not contacted with a floor and a
second hair portion which is contacted with the floor; and
a second row sequentially arranged with the first row, and divided into a first hair
portion which is contacted with the floor by facing to the first hair portion of the first row and
a second hair portion which is not contacted with the floor by facing to the second hair
portion of the first row; and
the second hair portion of the first row of the brush hair is located at a center of the
brush hub thus to be contacted with the floor, and the first hair portion of the first row is
located at both sides of the brush hub and formed to be lower than the second hair portion.

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2. (Original) The brush of a cleaner of claim 1, wherein the first row and the second row of the brush hair are mounted toward a shaft direction of the brush hub and sequentially arranged toward a circumference direction of the brush hub.

3. (Canceled)

4. (Currently Amended) The brush of a cleaner of ~~claim 3~~ claim 1, wherein a length of the second hair portion of the first row of the brush hair is longer than that of one first hair portion and shorter than that obtained by adding two first hair portions.

5. (Currently Amended) A brush of a cleaner comprising:
a rotation shaft rotatably supported at a lower surface of a body;
a brush hub fixed to the rotation shaft; and
brush hair mounted at an outer circumference surface of the brush hub to sweep
dust and contamination of a floor,

wherein the brush hair comprises:
a first row divided into a first hair portion which is not contacted with a floor and a
second hair portion which is contacted with the floor;

a second row sequentially arranged with the first row, and divided into a first hair
portion which is contacted with the floor by facing to the first hair portion of the first row and

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a second hair portion which is not contacted with the floor by facing to the second hair portion of the first row; and ~~The brush of a cleaner of claim 1, wherein~~

the first hair portion of the second row of the brush hair is located at both sides of the brush hub thus to be contacted with the floor, and the second hair portion of the second row is located at the center of the brush hub and formed to be lower than the first hair portion of the second row.

6. (Original) The brush of a cleaner of claim 5, wherein a length of the second hair portion of the second row of the brush hair is longer than that of one first hair portion and shorter than that obtained by adding two first hair portions.

7. (Original) The brush of a cleaner of claim 1, wherein the brush hair is mounted toward a shaft direction of the brush hub and has a blade form arranged toward a circumference direction of the brush hair with the same interval.

8. (Original) The brush of a cleaner of claim 1, wherein the brush hair has a minute hair form arranged as one row toward a shaft direction of the brush hub.

9. (Currently Amended) A brush of a robot cleaner having a suction opening at a center of a lower surface of a body for performing a cleaning operation by moving by itself and charging a battery automatically, the brush comprising:

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a rotation shaft rotatably supported at the suction opening;

a brush hub fixed to the rotation shaft; and

brush hair mounted at an outer circumference surface of the brush hub ~~for sweeping~~
to sweep dust and contamination of a floor,

wherein the brush hair comprises:

a first row divided into a first hair portion which is not contacted with a floor and a
second hair portion which is contacted with the floor; ~~and~~

a second row sequentially arranged with the first row and divided into a first hair
portion which is contacted with the floor by facing to the first hair portion of the first row and
a second hair portion which is not contacted with the floor by facing to the second hair
portion of the first row; and

the second hair portion of the first row of the brush hair is located at a center of the
brush hub thus to be contacted with the floor, and the first hair portion of the first row is
located at both sides of the brush hub and formed to be lower than the second hair portion.

10. (Original) The brush of a robot cleaner of claim 9, wherein the first row and the
second row of the brush hair are mounted toward a shaft direction of the brush hub and
sequentially arranged toward a circumference direction of the brush hub.

11. (Canceled)

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12. (Currently Amended) The brush of a robot cleaner of ~~claim 14~~ claim 9, wherein a length of the second hair portion of the first row of the brush hair is longer than that of one first hair portion and shorter than that obtained by adding two first hair portions.

13. (Currently Amended) A brush of a robot cleaner having a suction opening at a center of a lower surface of a body for performing a cleaning operation by moving by itself and charging a battery automatically, the brush comprising:

a rotation shaft rotatably supported at the suction opening;

a brush hub fixed to the rotation shaft; and

brush hair mounted at an outer circumference surface of the brush hub to sweep dust and contamination of a floor,

wherein the brush hair comprises:

a first row divided into a first hair portion which is not contacted with a floor and a second hair portion which is contacted with the floor;

a second row sequentially arranged with the first row and divided into a first hair portion which is contacted with the floor by facing to the first hair portion of the first row and a second hair portion which is not contacted with the floor by facing to the second hair portion of the first row; and ~~The brush of a robot cleaner of claim 9, wherein~~

the first hair portion of the second row of the brush hair is located at both sides of the brush hub thus to be contacted with the floor, and the second hair portion of the

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second row is located at the center of the brush hub and formed to be lower than the first hair portion of the second row.

14. (Original) The brush of a robot cleaner of claim 13, wherein a length of the second hair portion of the second row of the brush hair is longer than that of one first hair portion and shorter than that obtained by adding two first hair portions.

15. (Original) The brush of a robot cleaner of claim 9, wherein the brush hair is mounted toward a shaft direction of the brush hub and has a blade form arranged toward a circumference direction of the brush hair with the same interval.

16. (Original) The brush of a robot cleaner of claim 9, wherein the brush hair has a minute hair form arranged as one row toward a shaft direction of the brush hub.